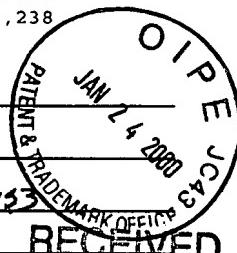


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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
P1	4,475,193	10/02/84	Brown			JAN 28 2000
P2	4,796,293	01/03/89	Blinken et al.			Group 2700
P3	4,888,795	12/19/89	Ando et al.			
P4	4,998,243	03/05/91	Kao			
P5	5,056,136	10/08/91	Smith			
P6	5,073,926	12/17/91	Suzuki et al.			
P7	5,157,491	10/20/92	Kassatly			
P8	5,195,087	03/16/93	Bennett et al.			
P9	5,231,492	07/27/93	Dangi et al.			
P10	5,319,795	07/07/94	Hamabe et al.			
P11	5,333,133	07/26/94	Andrews et al.			
P12	5,335,321	08/02/94	Harney et al.			
P13	5,345,258	09/06/94	Matsubara et al.			
P14	5,367,629	11/22/94	Chu et al.			
P15	5,375,068	12/20/94	Palmer et al.			
P16	5,384,598	01/24/95	Rodriguez et al.			
P17	5,384,772	01/24/95	Marshall			

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<i>b</i>	P18	5,392,223	02/21/95	Caci	<i>b</i>	<i>b</i>	Group 2700
<i>y</i>	P19	5,422,883	06/06/95	Hauris et al.	<i>b</i>	<i>b</i>	JAN 24 2000
<i>v</i>	P20	5,475,421	12/12/95	Palmer et al.	<i>b</i>	<i>b</i>	PTO TRADEMARK OFFICE
<i>v</i>	P21	5,506,954	04/09/96	Arshi et al.	<i>b</i>	<i>b</i>	34
<i>v</i>	P22	5,565,910	10/15/96	Rowse et al.	<i>b</i>	<i>b</i>	

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	F1							

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D1	

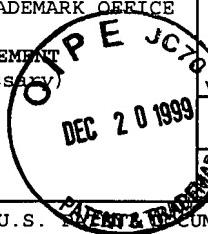
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	P1	3,723,653	3/27/73	Tatsuzawa			
	P2	3,873,771	3/25/75	Kleinerman, et al.			
	P3	3,974,337	8/10/76	Tatsuzawa			
	P4	4,005,265	1/25/77	Verhoeckx, et al.			
	P5	4,054,908	10/18/77	Poirier et al.			
	P6	4,210,927	7/1/80	Yumde, et al.			
	P7	4,441,180	4/3/84	Schussler, et al.			
	P8	4,451,705	05/29/84	Burke et al.			
	P9	4,516,156	5/7/85	Fabris, et al.			
	P10	4,529,839	7/16/85	Colton, et al.			
	P11	4,529,840	7/16/85	Colton, et al.			
	P12	4,531,024	7/23/85	Colton, et al.			
	P13	4,574,374	3/4/86	Scordo			
	P14	4,645,872	2/24/87	Pressman, et al.			
	P15	4,650,929	3/17/87	Boerger, et al.			
	P16	4,653,090	03/24/87	Hayden			

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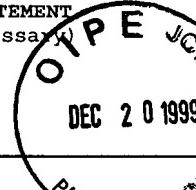
<i>J</i>	P17	4,686,698	8/11/87	Tompkins et al.	RECEIVED
	P18	4,710,917	12/1/87	Tomkins, et al.	<u>DEC 21 1999</u>
	P19	4,716,585	12/29/87	Tompkins et al.	<u>Group 2700</u>
	P20	4,817,018	03/28/89	Cree et al.	<u> </u>
	P21	4,837,798	6/6/89	Cohen, et al.	<u> </u>
	P22	4,847,829	07/11/89	Tompkins et al.	<u> </u>
	P23	4,922,523	5/1/90	Hashimoto	<u> </u>
	P24	4,931,872	06/05/90	Stoddard et al.	<u> </u>
	P25	4,953,159	8/28/90	Hayden et al.	<u> </u>
	P26	4,961,211	10/2/90	Tsugane, et al.	<u> </u>
	P27	4,965,819	10/23/90	Kannes	<u> </u>
	P28	4,977,520	12/11/90	McGauhey et al.	<u> </u>
	P29	4,987,492	1/22/91	Stults, et al.	<u> </u>
	P30	4,995,071	2/19/91	Weber, et al.	<u> </u>
	P31	5,003,532	3/26/91	Ashida, et al.	<u> </u>
	P32	5,010,399	4/23/91	Goodman, et al.	<u> </u>
	P33	5,014,267	5/7/91	Tompkins et al.	<u> </u>
<i>J</i>	P34	5,027,400	6/25/91	Baji, et al.	<u> </u>

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	P35	5,042,062	8/20/91	Lee		DEC 21 1999
	P36	5,072,442	12/10/91	Todd		Group 2700
	P37	5,099,510	3/24/92	Blinken, Jr., et al.		
	P38	5,130,399	07/14/92	Ikeno et al.		
	P39	5,130,793	7/14/92	Bordry, et al.		
	P40	5,130,801	7/14/92	Yamaguchi		
	P41	5,155,761	10/13/92	Hammond		
	P42	5,170,427	12/8/92	Guichard, et al..		
	P43	5,195,086	03/16/93	Baumgartner et al.		
	P44	5,200,989	4/6/93	Milone		
	P45	5,202,957	4/13/93	Serrao		
	P46	5,218,627	6/8/93	Corey, et al.		
	P47	5,224,094	06/29/93	Maher et al.		
	P48	5,239,466	08/24/93	Morgan et al.		
	P49	5,253,362	10/12/93	Nolan et al.		
	P50	5,260,941	11/09/93	Wilder et al.		
	P51	5,283,637	2/1/94	Goolcharan		
	P52	5,303,343	04/12/94	Ohya et al.		

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P53	5,333,299	07/26/94	Koval et al.	
P54	5,351,276	09/27/94	Doll Jr. et al.	
P55	5,353,398	10/4/94	Kitahara et al.	
P56	5,363,507	11/08/94	Nakayama et al.	
P57	5,365,265	11/94	Shibata et al.	
P58	5,373,549	12/13/94	Bales et al.	
P59	5,374,952	12/20/94	Flohr	
P60	5,379,374	01/03/95	Ishizaki et al.	
P61	5,382,972	1/17/95	Kannes	
P62	5,392,346	2/21/95	Hassler et al.	
P63	5,404,435	04/04/95	Rosenbaum	
P64	5,408,662	04/18/95	Katsurabayashi	
P65	5,432,525	07/11/95	Maruo et al.	
P66	5,444,476	8/22/95	Conway	
P67	5,471,318	11/28/95	Ahuja et al.	
P68	5,473,679	12/05/95	La Porta et al.	
P69	5,485,504	1/16/96	Ohnsorge	
P70	5,491,695	02/13/96	Meagher et al.	

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	P71	5,515,491	5/7/96	Bates et al.			Group 2700
	P72	5,526,024	6/11/96	Gaglianello et al.			O I P E J C P DEC 20 1999 PATENT & TRADEMARK
	P73	5,550,966	08/27/96	Drake et al.			
	P74	5,553,222	09/03/96	Milne et al.			
	P75	5,561,736	10/1/96	Moore et al.			
	P76	5,581,702	12/03/96	McArdle			
	P77	5,590,128	12/31/96	Maloney et al.			
	P78	5,594,495	01/14/97	Palmer et al.			
	P79	5,602,580	2/11/97	Tseng			
	P80	5,608,653	03/04/97	Palmer et al			
	P81	5,689,553	11/18/97	Ahuja et al.			

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							YES	NO
	F1	0 041 902	16 Dec '81	EP				
	F2	0 190 060	6 Aug '86	EP				
	F3	0 354 370	14 Feb '90	EP				
	F4	35 07 152	29 Aug '85	DE				

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	F5	0 403 118	19 Dec '90	EP	
	F6	0 414 222	27 Feb '91	EP	
	F7	0 436 345	10 Jul '91	EP	
	F8	0 453 128	23 Oct '91	EP	
	F9	0 497 022	5 Aug '92	EP	
	F10	0 516 371	2 Dec '92	EP	
	F11	0 523 618	20 Jan '93	EP	
	F12	0 535 601	07 Apr '93	EP	
	F13	0 523 626	20 Jan '93	EP	
	F14	0 548 597	30 Jun '93	EP	
	F15	0 561 381	22 Sep '93	EP	
	F16	0 604 053	29 Jun '94	EP	
	F17	WO 94/24803	27 Oct '94	PCT	
	F18	WO 92/21211	26 Nov '92	PCT	
	F19				-

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D1 ACM Press, Conference on Organizational Computing Systems, SIGOIS Bulletin, Vol. 12, No. 2-3, Nov 5-8, 1991

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D2	The American Users Forum (Niu-Forum) Aug 6-9, 1990
D3	Bellcore News, "IMAL Makes Media Merging Magic," 5(20), Nov 9, 1988
D4	Frontiers in computer communications technology, Sigcom '87 Workshop (Aug 11-13, 1987)
D5	Statement by Attorney for Applicants-Describing Product Development
D6	AHUJA et al., "Coordination and Control of Multimedia Conferencing," IEEE Communication Magazine, 30(5): 38-42, May 1992
D7	AHUJA et al., "Networking Requirements of the Rapport Multimedia Conferencing System," INFOCOM '88, IEEE, pp. 746-751, 1988
D8	COHEN et al., "Audio Windows: User Interfaces for Manipulating Virtual Acoustic Environments," pp. 479-480
D9	COHEN et al., "Audio Windows for Binaural Telecommunication," EIC, Tokyo (10/91)
D10	COHEN et al., "Design and Control of Shared Conferencing Environments for Audio Telecommunication," Proceedings of the Second Int'l Symposium on Measurement and Control Robotics (ISMCR '92), Tsukuba Science City, Japan, (November 15-19, 1992), pp. 405-412
D11	COHEN et al., "Exocentric Control of Audio Imaging in Biaural Telecommunication," IEICE Trans. Fundamentals, Vol. E75-A, No. 2, (February 1992)
D12	COHEN et al., "Multidimensional Audio Window Management," Int'l Journal of Man-Machine Studie, Vol. 34:319-336 (1991)
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D14	ENSOR et al., "The Rapport Multimedia Conferencing System - Software Overview," Computer Workstation Conference, IEEE, pp. 52-58, 1988
D15	GOPAL et al., "Directories of Networks with Causally Connected Users," IEEE, pp. 1060-1064, 1988
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D18	KENDALL et al., "Simulating the Cue of Spatial Hearing in Natural Environments," Northwestern University, Evanston, IL 60201

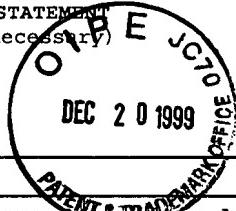
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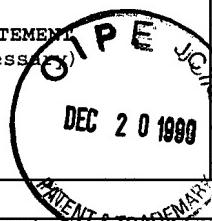
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D21	LAKE et al. "A network environment for studying multimedia network architecture and control," (1989 Globecom)
D22	LANTZ, An Experiment in Integrated Multimedia Conferencing, Department of Computer Science, Stanford University, Stanford, CA 94305, Dec 1986
D23	LANTZ et al., Collaboration Technology Research at Olivetti Research California, August 1989
D24	LAUWERS et al., Replicated Architectures for Shared Window Systems: A Critique, (Olivetti Research California) Version of April 1990
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D30	NG et al., Systems Integration '90, (April 23-26, 1990)
D31	NUNOKAWA et al., "Teleconferencing Using Stereo Voice and Electronic OHP," IEEE, 1988
D32	OHMORI et al., "Distributed Cooperative Control for Sharing Applications Based on Multiparty and Multimedia Desktop Conferencing System," IEEE, 1992
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D34	PERKINS, "Spider: An investigation in collaborative technologies and their effects on network performance"
D35	RAMANATHAN et al., Optimal Communication Architecturs for Multimedia Conferencing in Distributed Systems, Multimedia Laboratory Dept. of Computer Science and Engineering, University of San Diego, La Jolla, CA
D36	RANGAN et al., "Software architecture for integration of video services in the etherphone system," IEEE J. on Selected Areas in Comm., 9(9):1395-1404, Dec '91
D37	RANGAN et al., "A Window-Based Editor for Digital Video and Audio," System Sciences, 1992 Hawaii Int'l Conference (1992)

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D38	SAKATA, "B-ISDN Multimedia Workstation Architecture," IEEE, 1993
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D40	STEFIK et al., "Beyond the Chalkboard: Computer Support for Collaboration and Problem Solving," Communications of the ACM, Vol. 30, No. 1, Jan 1987
D41	VIN et al., Hierarchical Conferencing Architectures for Inter-Group Multimedia Collaboration, Multimedia Laboratory Department of Computer Science and Engineering University of California at San Diego, La Jolla
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